

ABSTRACT

A device for dispensing particulate matter may include a gravimetric sensor to measure the weight of particulate matter mixed with a fluid carrier. In an illustrative embodiment, a dry chemical inductor includes a bin for containing particulate matter, a
5 conduit for transporting a stream of liquid carrier, and a valve for controllably releasing a particulate matter from the bin into the conduit. The device may further include a gravimetric sensor, such as an electronic scale or a load cell, for measuring the weight of particulate matter released from the bin. A controller may receive signals from the
10 gravimetric sensor and actuate the valve to interrupt the flow of particulate matter when the desired amount of particulate matter has been released.

60158485.doc